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a fiber optic communication medium configured to transfer the communication data between the telecommunications service provider and the optical network node; and
an electrical power source configured to supply an electrical supply voltage to power the optical network node, the power source comprising an alarm system configured to monitor the operation of the power source and transmit power source operation information to the telecommunications service provider.

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14. (Four Times Amended) A method for powering one or more devices in a fiber optic communication network, which transmits communication data between a telecommunications service provider and a user device, the method comprising:
transferring digital communication data between the telecommunications service provider and an optical network node;
converting the digital communication data from an optical state to an electrical state using the optical network node;
transmitting an electrical supply voltage from an electrical power source to the optical network node;
an alarm system in the power source monitoring the operation of the power source; and
transmitting power source operation information from the alarm system to the telecommunications service provider.

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20. (Once Amended) The method as recited in claim 14, wherein the step of transferring digital communication data between the telecommunications service provider and the optical network node comprises transferring digital communication data between the telecommunications service provider and an optical network unit (ONU).

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21. (Once Amended) The method as recited in claim 14, wherein the step of transferring digital communication data between the telecommunications service provider and the optical network node comprises transferring digital communication data between the telecommunications service provider and a digital subscriber line access multiplexer (DSLAM).
